

## ABSTRACT OF THE DISCLOSURE

An emulator comprises a receiving unit for receiving circuit data used for implementing debugging functions, a storage unit for storing the circuit data received by the receiving unit therein, and an emulation unit for performing emulation according to the circuit data stored in the storage unit. The receiving unit can receive a piece of firmware that controls operations of the emulation unit. The emulator can change a use of a hardware resource by updating the circuit data stored in the storage unit. The receiving unit can receive the circuit data from a personal computer. As an alternative, the receiving unit can download the circuit data from a homepage.

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